

ABSTRACT OF THE DISCLOSURE

An image-forming apparatus ~~comprises~~ a rear plate including electron-emitting devices formed thereon, a face plate including a fluorescent film formed thereon and being disposed to face the rear plate, ^{flat plate} ~~a spacer in the form of a flat plate~~ disposed between the rear plate and the face plate, and an outer frame surrounding peripheral edges of the rear plate and the face plate. Electrons emitted from the electron-emitting devices are irradiated to the fluorescent film to thereby display an image under condition where an inner space of a container constructed by the rear plate, the face plate and the outer frame is evacuated through a vent tube into a depressurized state. The vent tube is attached to a side of the outer frame that is positioned across an imaginary extension of the flat-plate spacer in the longitudinal direction thereof, or to the face plate or the rear plate in the vicinity of that side of the outer frame. With such arrangements, evacuation conductance is increased to reduce an evacuation time, and a higher vacuum level is achieved in the container so that an image can be stably displayed for a long ~~term.~~